FIG. 1A

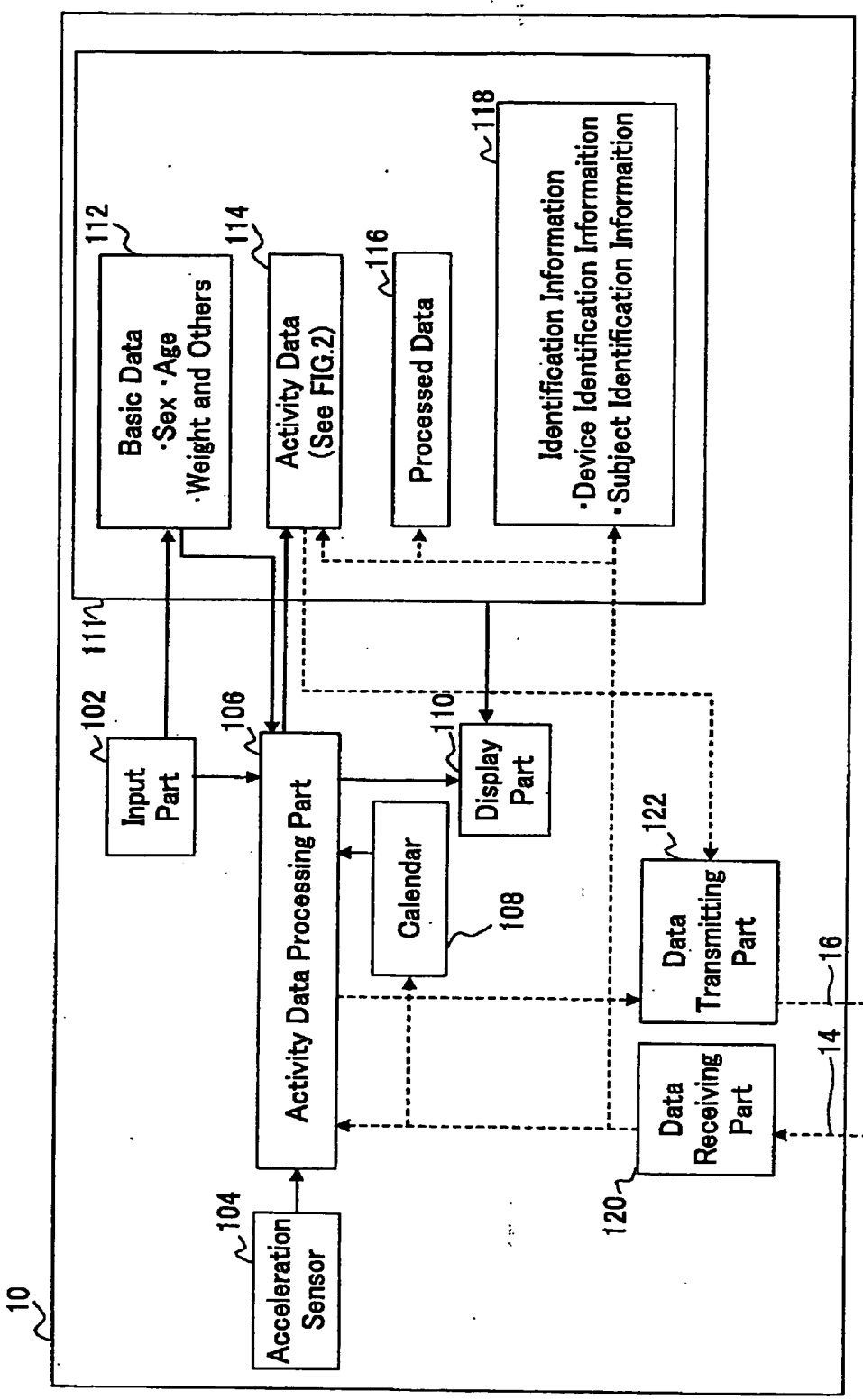

10
111
112
Basic Data
·Sex ·Age
·Weight and Others
114
Activity Data
(See FIG.2)
116
Processed Data
118
Identification Information
·Device Identification Information
·Subject Identification Information
102
Input Part
106
Activity Data Processing Part
110
Display Part
Calendar
108
104
Acceleration Sensor
120
Data Receiving Part
122
Data Transmitting Part
14
16

FIG. 1B

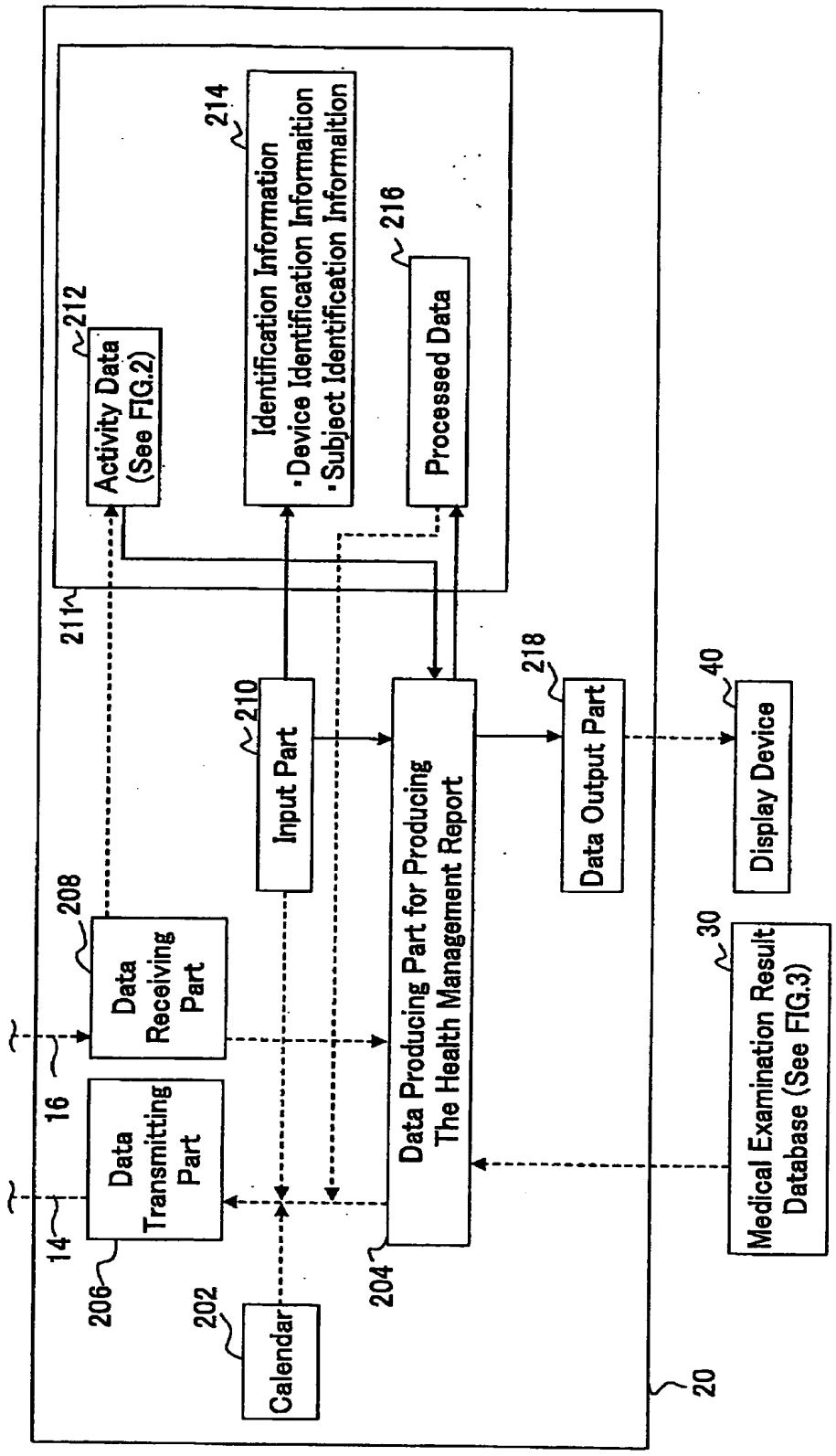

20
211
Activity Data (See FIG.2)
212
Identification Information
·Device Identification Information
·Subject Identification Information
214
Processed Data
216
Input Part
210
Data Producing Part for Producing The Health Management Report
204
Data Output Part
218
Display Device
40
Data Receiving Part
208
Data Transmitting Part
206
16
14
Calendar
202
Medical Examination Result Database (See FIG.3)
30

FIG. 2

Input Time	March 1	0:00	0:10	10:00	10:10	10:20	24:00		
Intensity of Activity	State of Activity							Total of Time of Each Intensity of Exercise	Total of Time of Each State of Exercise
Grade 0	Resting State	Resting State	Resting State				Resting State	1320	1320
Grade 1 Grade 2 Grade 3 Grade 4	Walking State			Walking State	Walking State	Walking State		10 30 10 10	60
Grade 5 Grade 6 Grade 7 Grade 8	Rapid Walking State							10 20 10 10	50
Grade 9	Running State							10	10
Number of Steps (Steps)				50	50	50		Total of Number of Steps (Steps)	7500
Energy Consumption by Exercise Expended (Kcal)				20	20	20		Total of Consumption of Energy (Kcal)	350
								Sum Consumption of Energy (Kcal)	1790
:		:	:	:	:	:	:	:	:

10/529942

FIG. 3

Subject ID	Time of Examination	February 16 10:30	March 1 13:00	March 15 11:00
OOO	Height (cm)	165.5	165.5	165.5
	Weight (kg)	70	68	67
	Blood Glucose Value	...	...	...
	Blood Pressure	130/70	125/65	122/62
	:	:	:	:

FIG. 4

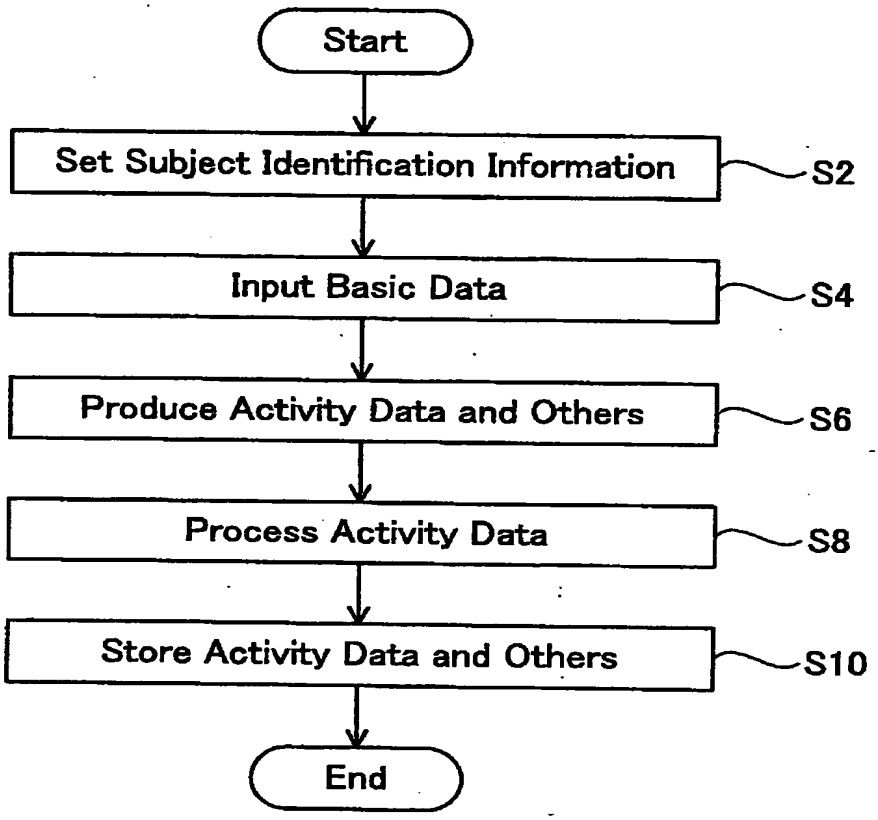

Start
Set Subject Identification Information
S2
Input Basic Data
S4
Produce Activity Data and Others
S6
Process Activity Data
S8
Store Activity Data and Others
S10
End

FIG. 5

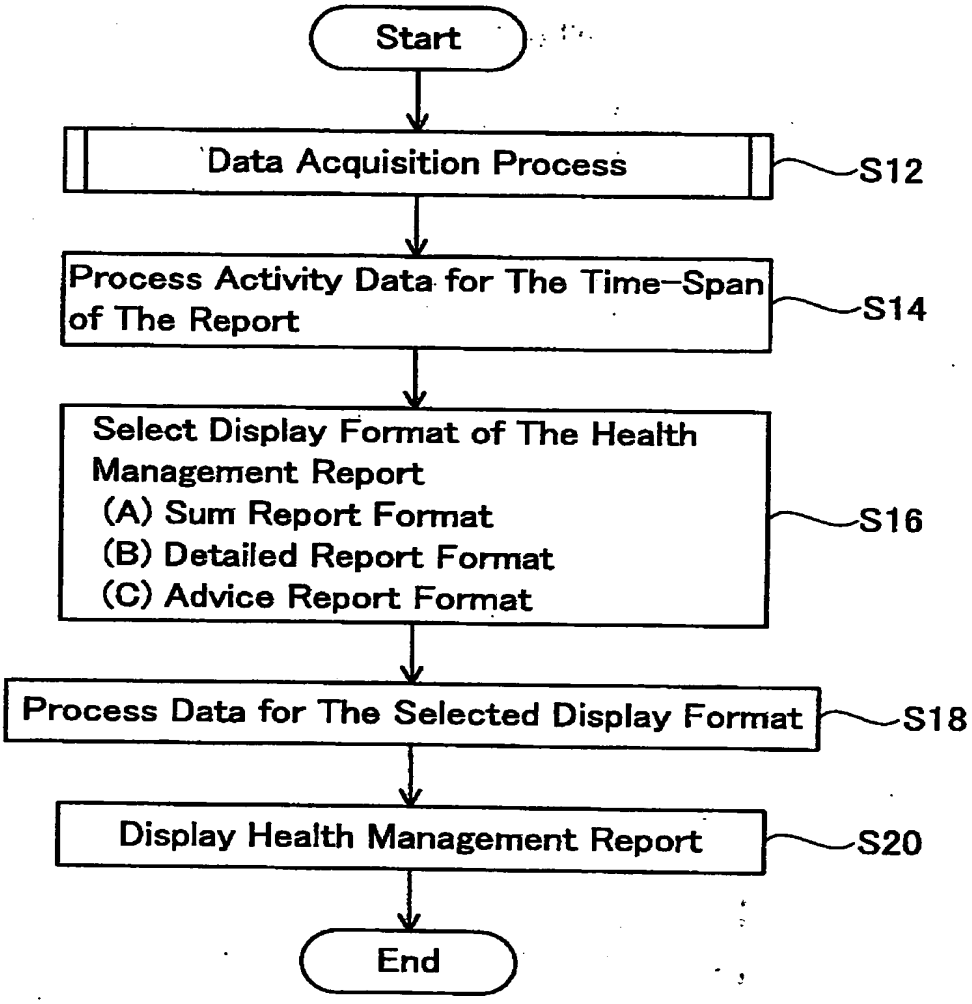

Start
Data Acquisition Process
S12
Process Activity Data for The Time-Span of The Report
S14
Select Display Format of The Health Management Report
(A) Sum Report Format
(B) Detailed Report Format
(C) Advice Report Format
S16
Process Data for The Selected Display Format
S18
Display Health Management Report
S20
End

FIG. 6

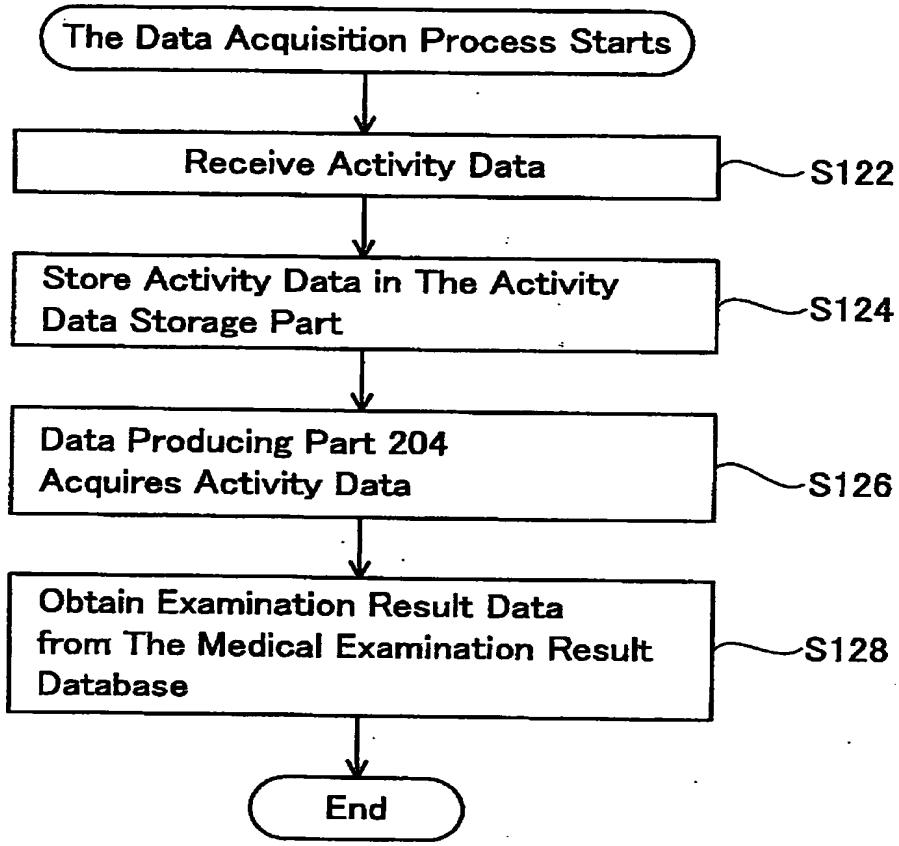
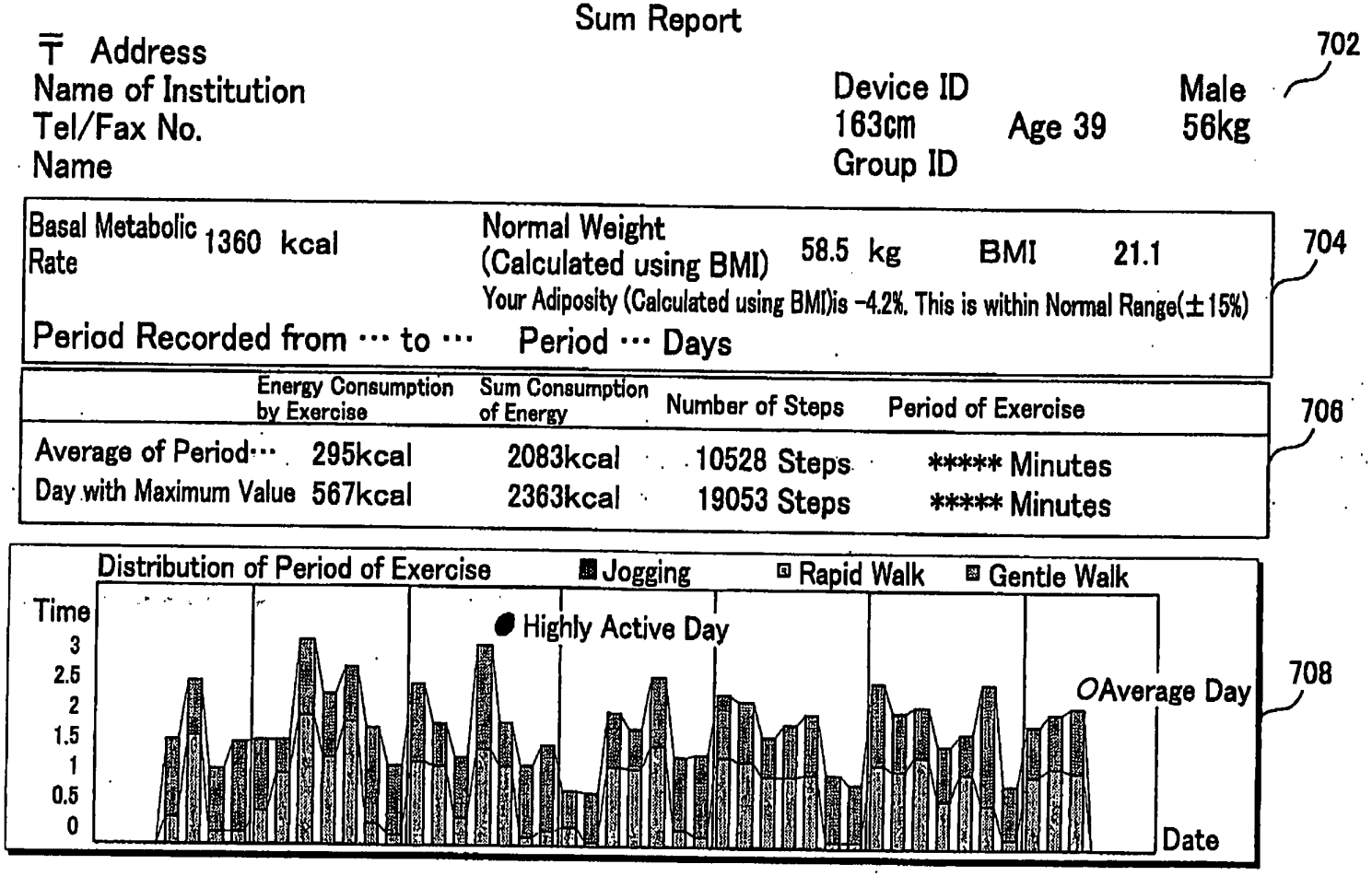

The Data Acquisition Process Starts
Receive Activity Data
S122
Store Activity Data in The Activity Data Storage Part
S124
Data Producing Part 204 Acquires Activity Data
S126
Obtain Examination Result Data from The Medical Examination Result Database
S128
End

FIG. 7A

(A) Sum Report



10/529943

FIG. 7B

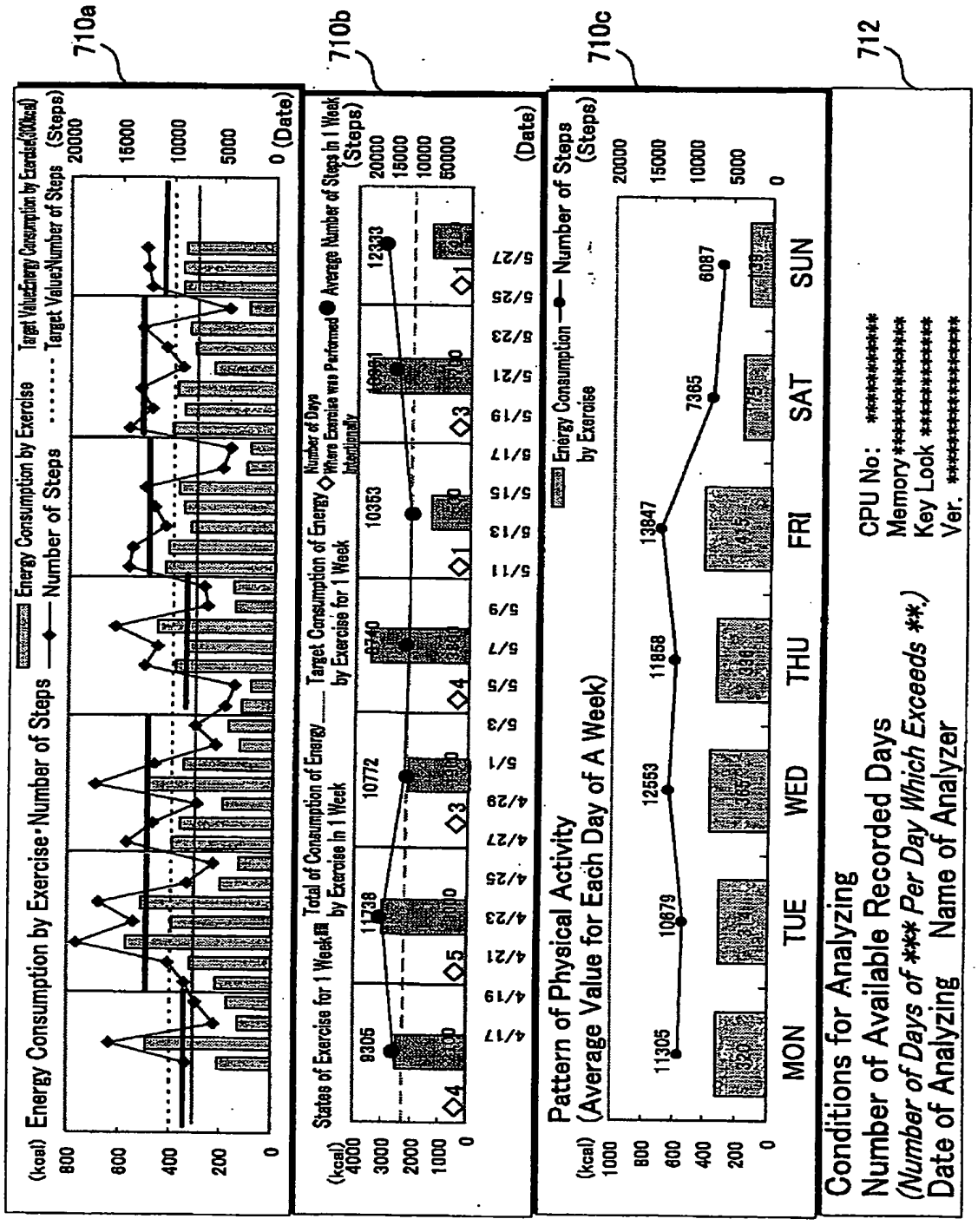

710a
Energy Consumption by Exercise
Target Value:Energy Consumption by Exercise(300kcal)
Number of Steps
Target Value:Number of Steps
(kcal)
(Steps)
(Date)
710b
Status of Exercise for 1 Week
Total of Consumption of Energy by Exercise in 1 Week
Target Consumption of Energy by Exercise for 1 Week
Number of Days Where Exercise was Performed Intentionally
Average Number of Steps in 1 Week
9305
11738
10772
9340
10353
12333
(Date)
710c
Pattern of Physical Activity
(Average Value for Each Day of A Week)
Energy Consumption by Exercise
Number of Steps
11305
10879
12553
11858
13847
7365
6087
MON
TUE
WED
THU
FRI
SAT
SUN
712
Conditions for Analyzing
Number of Available Recorded Days
(Number of Days of *** Per Day Which Exceeds **.)
Date of Analyzing
Name of Analyzer
CPU No: **********
Memory **********
Key Look **********
Ver. **********

FIG. 8

(B)Detailed Report

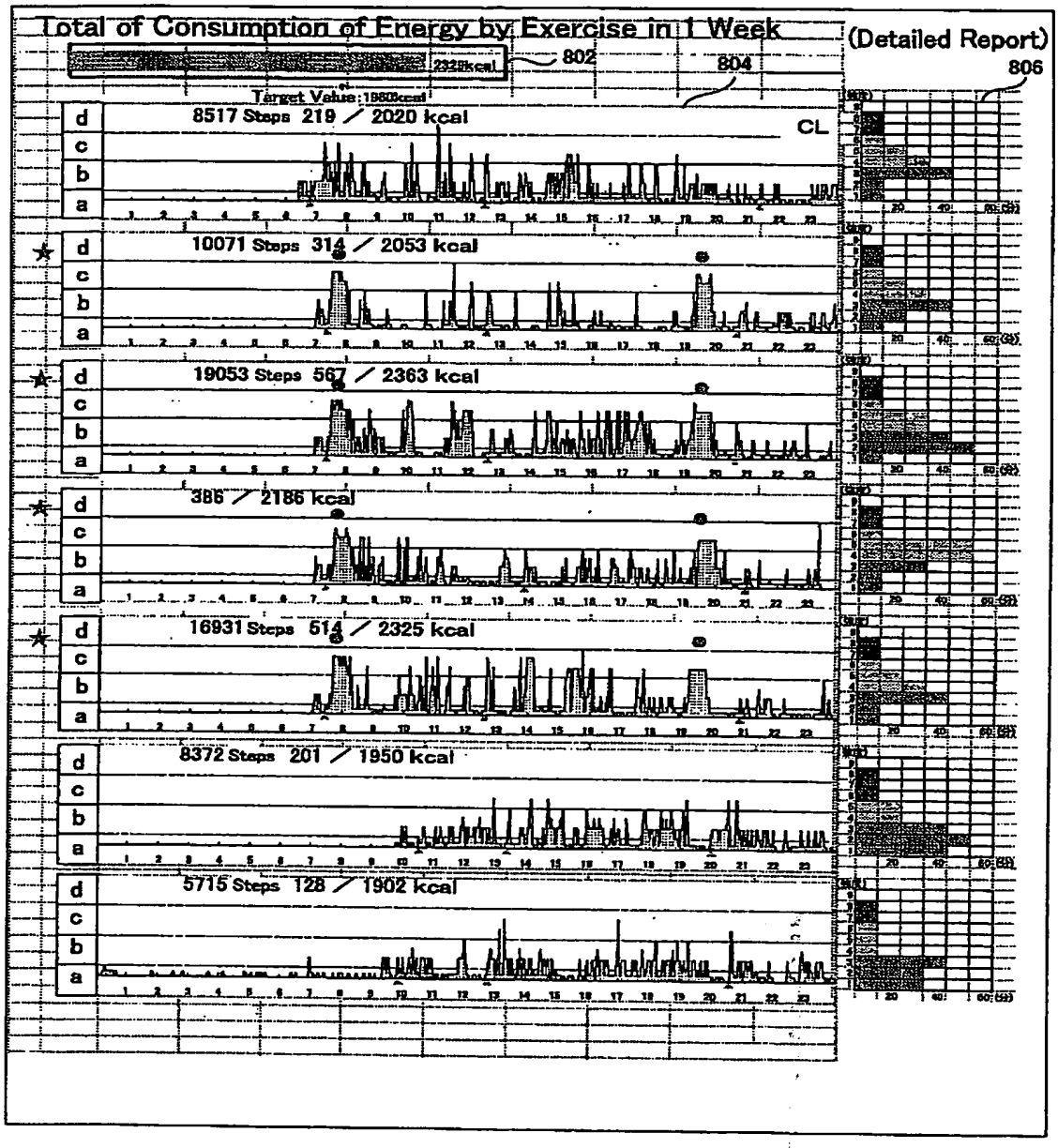
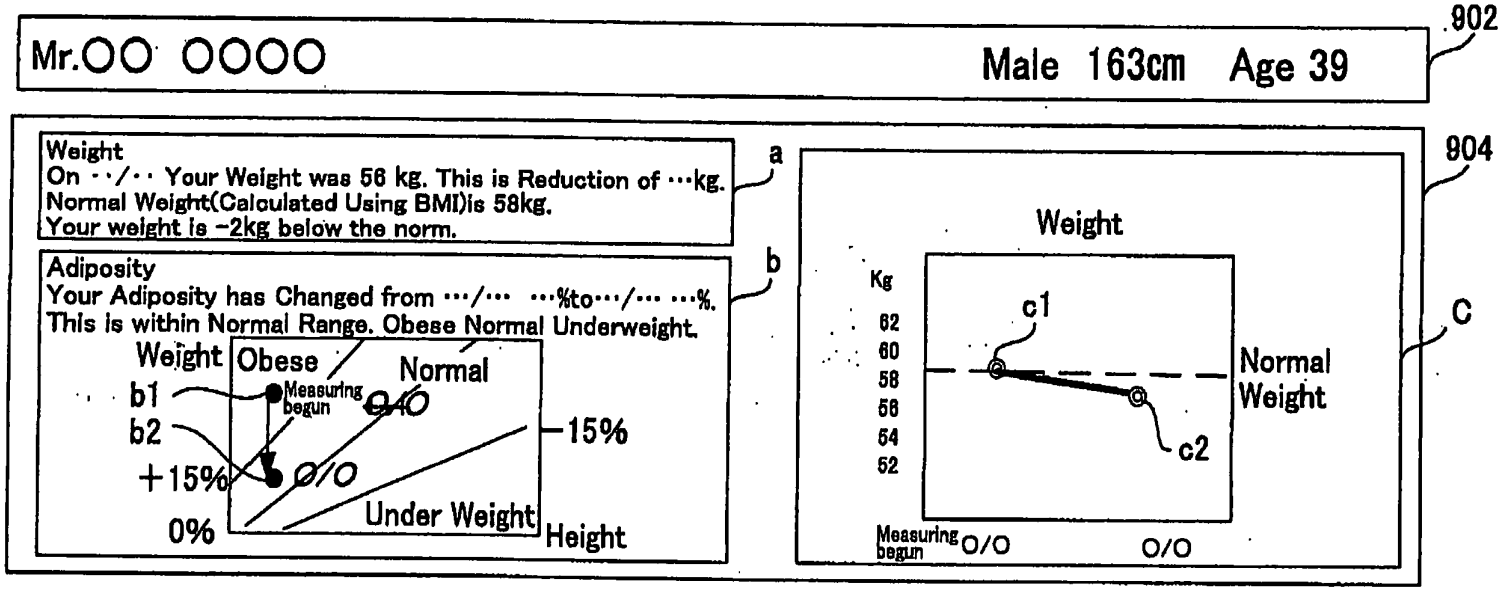


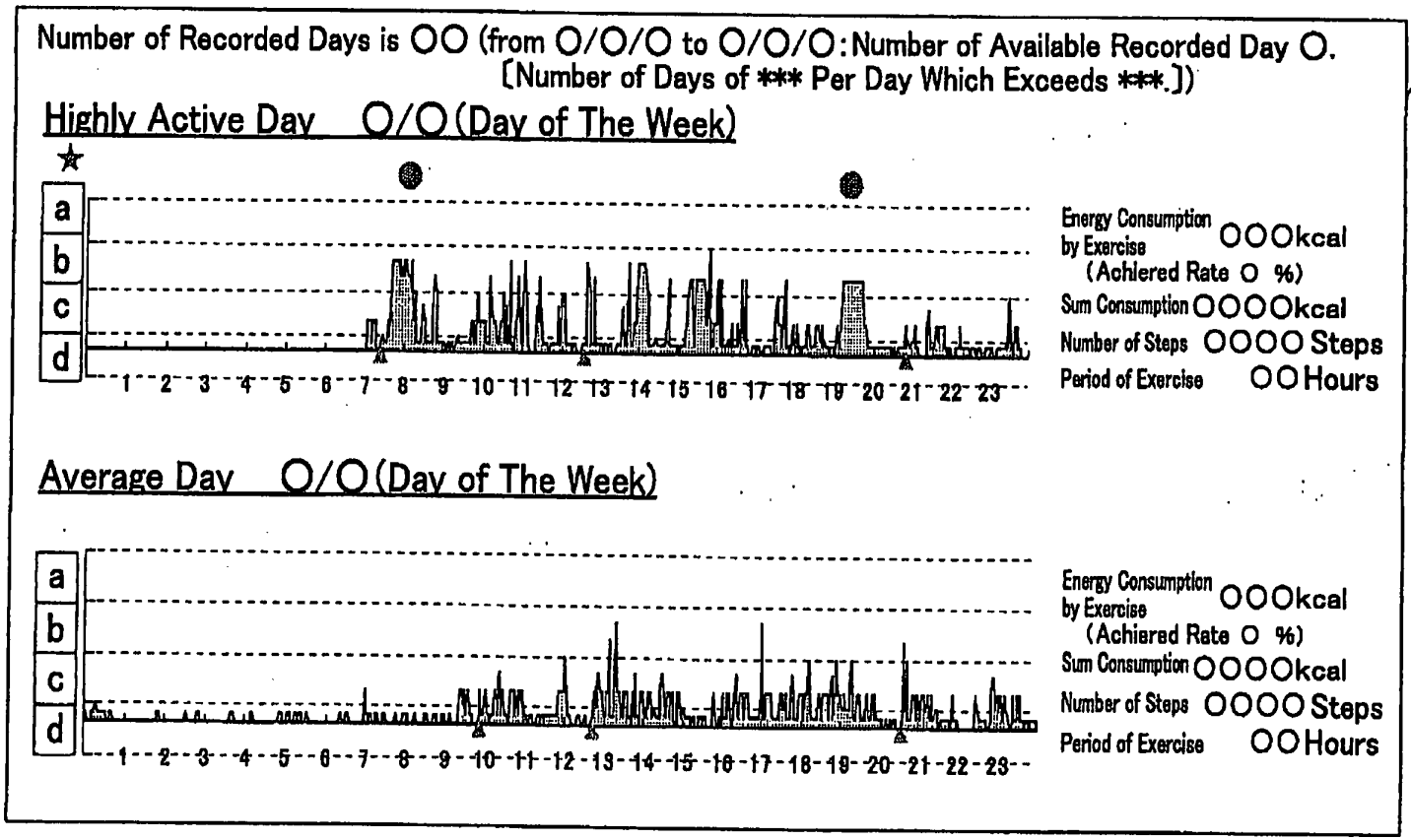
FIG. 9A

(C)Advice Report



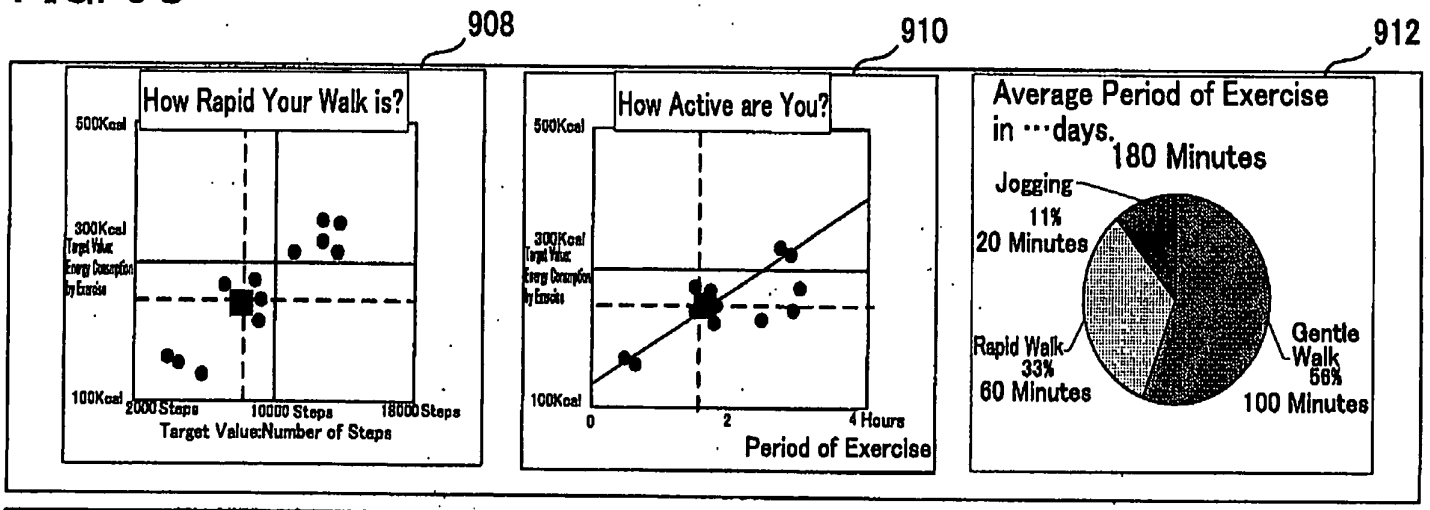
10/529943

FIG. 9B



10/529943

FIG. 9C



914

【Remarks】
On The Highly Active Day,Month/Day(Day of Week),Energy Consumption by Exercise was ···Kcal,
Total Calories Expended were ···Kcal,Number of Steps was ···Steps,
Period of Activity was ···Minutes.
An Average Day within The Period ···was Month/Day(Day of Week).
Total of Consumption of Energy by Exercise was ··· Kcal,
Total Calories Expended were ··· Kcal,Number of Steps was···Steps,Period of Activity was ···Minutes.

(Remarks Produced from Graph Data for the Number of Steps and Energy Consumption by Exercise Per Day.)

Target Values will Begin as a 10% Increase Over The Current Consumption of Energy by Exercise.
···Kcal of Exercise is Required to Increase The Calories Expended by 10%.
Rapid Walking(100-130m/min)for ···Minutes is Required to Expend ···Kcal.

10/529,043

FIG. 10

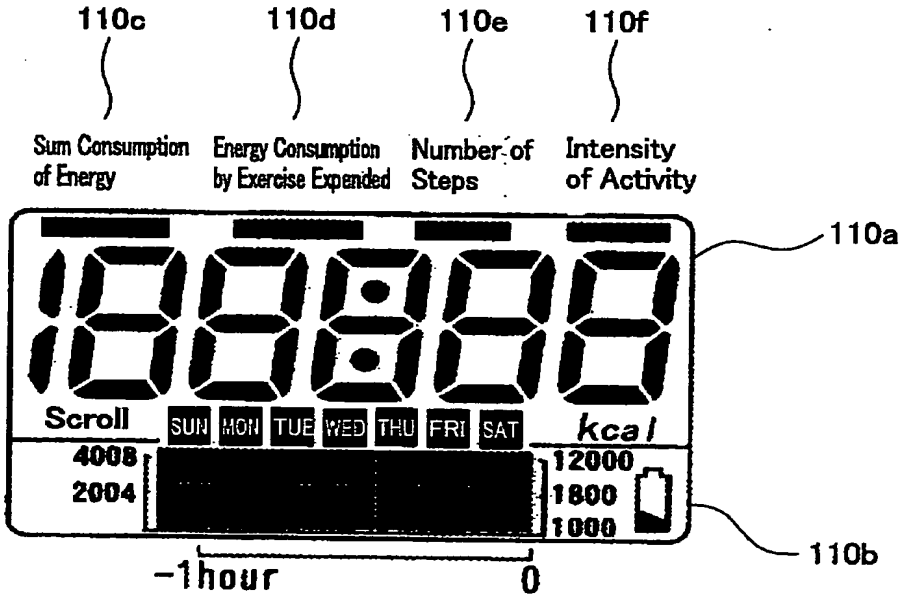
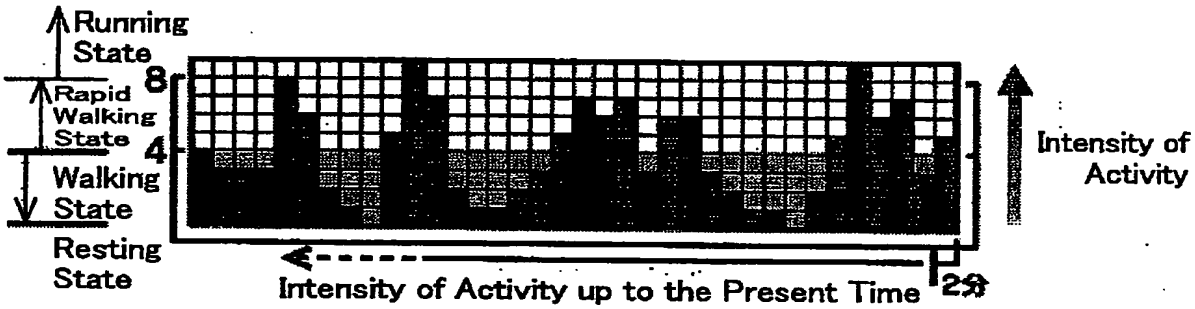

110c
110d
110e
110f
Sum Consumption of Energy
Energy Consumption by Exercise Expended
Number of Steps
Intensity of Activity
110a
Scroll
SUN MON TUE WED THU FRI SAT
kcal
4008
2004
12000
1800
1000
110b
-1hour
0

FIG. 11


Running State
8
Rapid Walking State
4
Walking State
Resting State
Intensity of Activity
Intensity of Activity up to the Present Time
2分